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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LI et al

Serial No. 09/493,258

Filed: 28 January 2000

For: INCREMENTAL INTERLACE  
INTERPOLATION FOR TEXTURE  
MORPHING

Atty Ref.: 723-824

Group: 2772

Examiner:

\* \* \* \* \*

May 23, 2000

Assistant Commissioner for Patents  
Washington, DC 20231**SUBMISSION OF FORMAL DRAWINGS**

Sir:

Enclosed herewith are eleven sheets of formal, inked drawings for the above-identified application.

Respectfully submitted,

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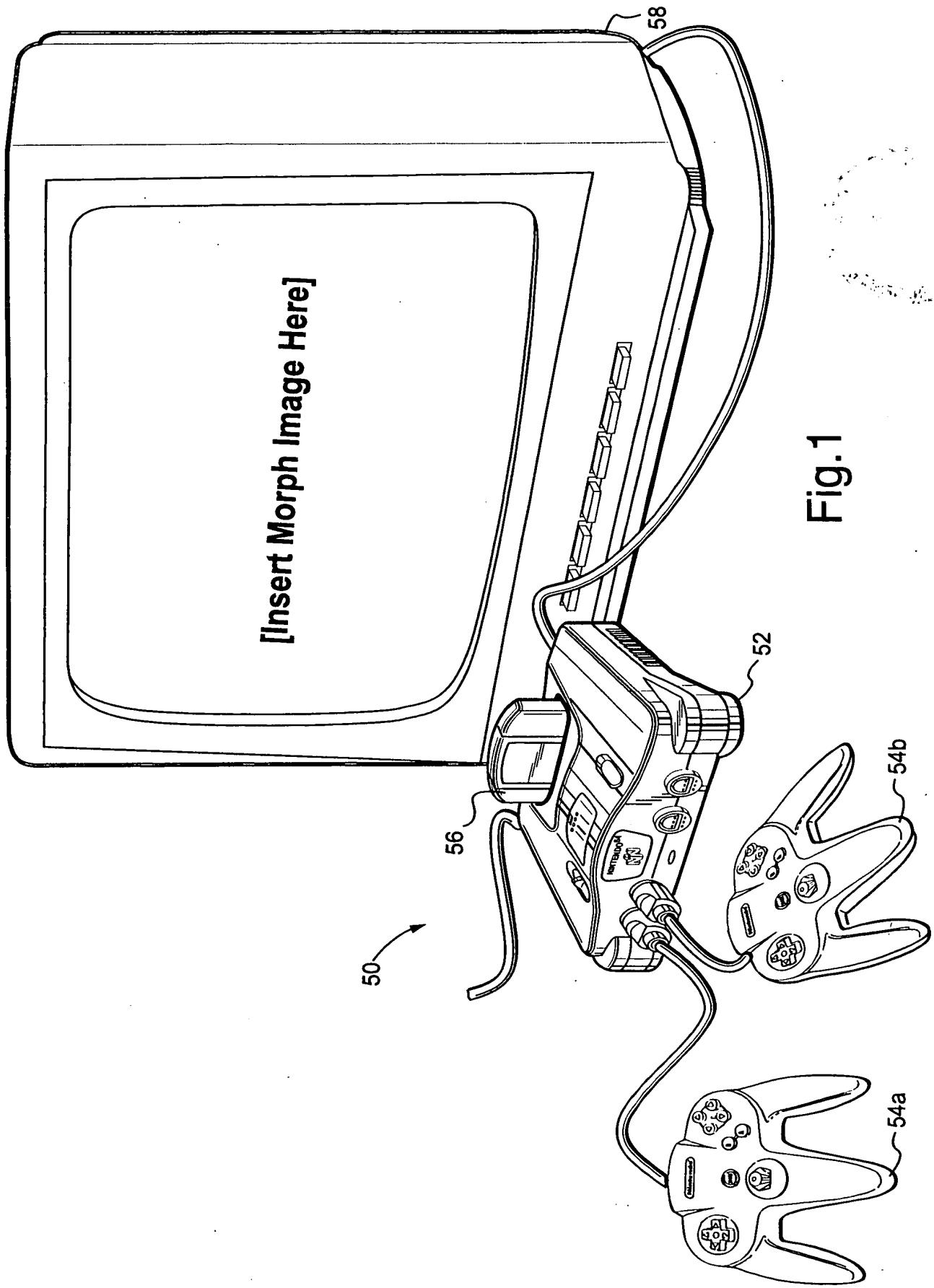


Fig. 1

Fig. 2

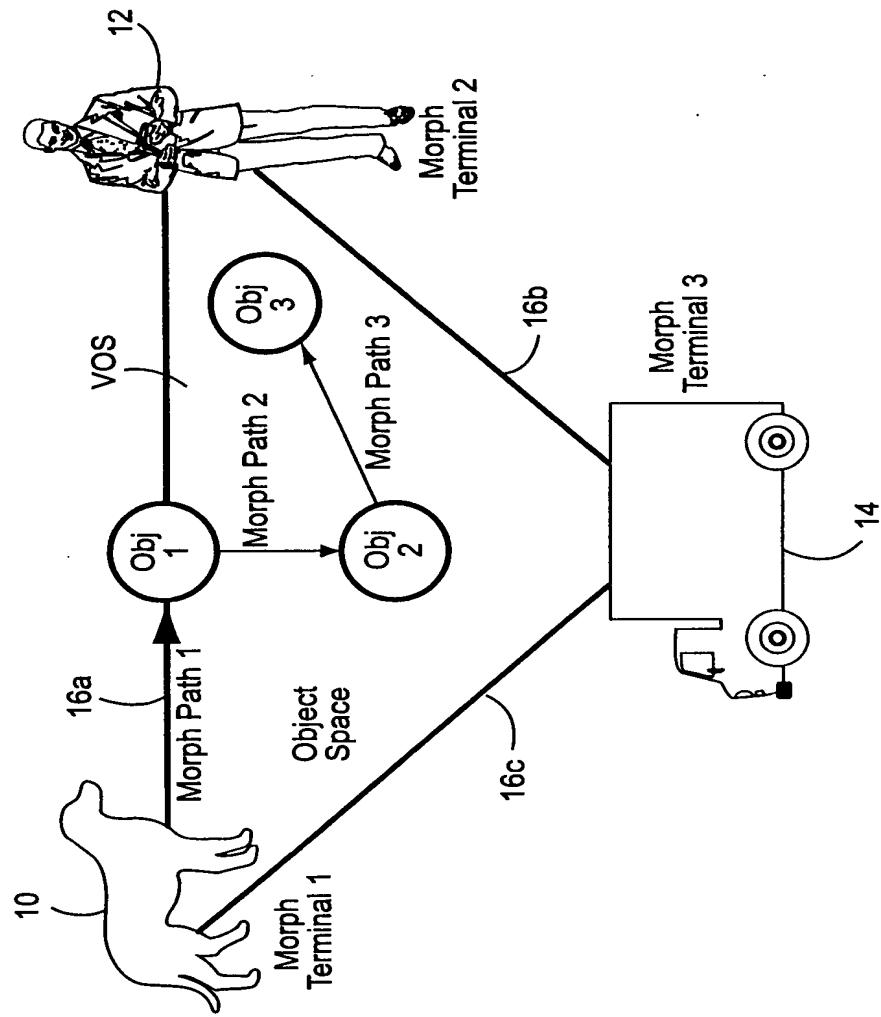
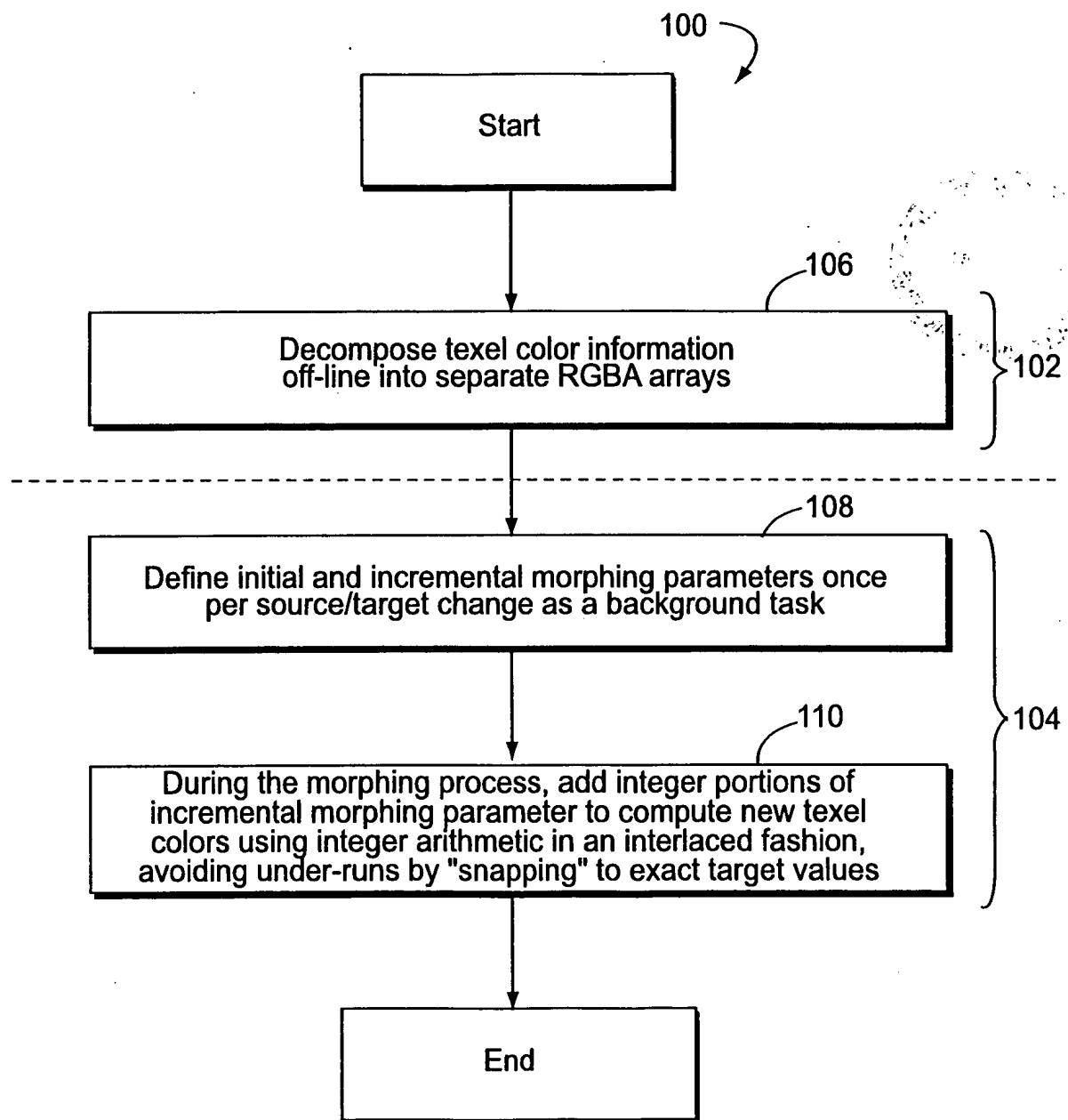
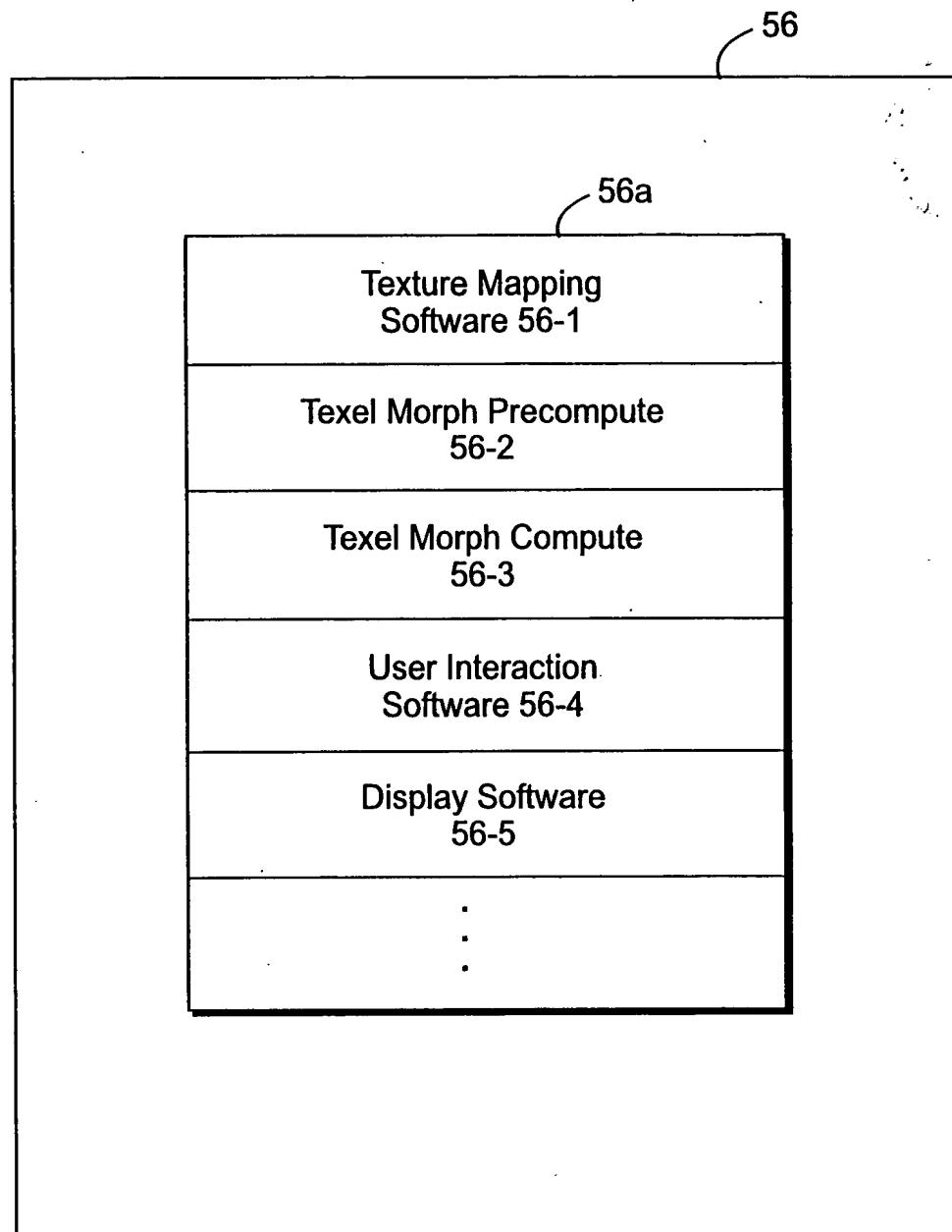


Fig. 3



**Fig. 3A**



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$R_1$	$G_1$	$B_1$	$A_1$
$R_2$	$G_2$	$B_2$	$A_2$
$R_3$	$G_3$	$B_3$	$A_3$
$R_4$	$G_4$	$B_4$	$A_4$

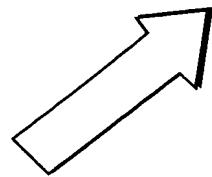
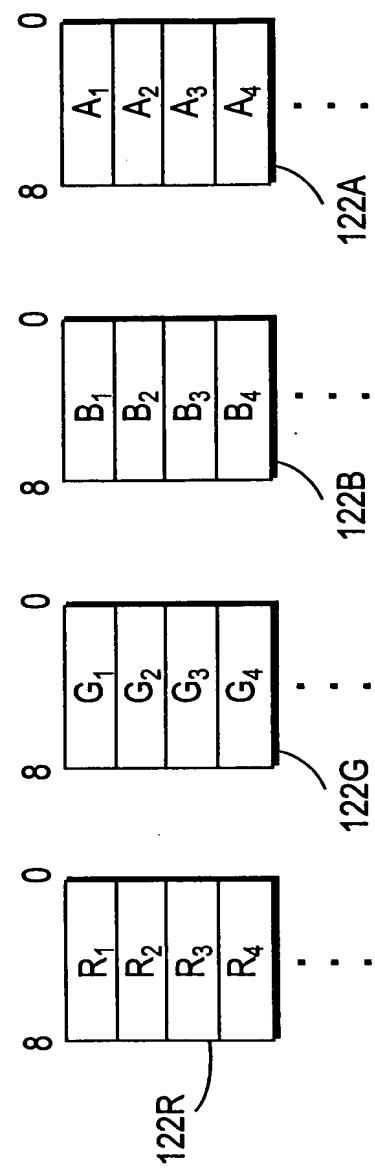
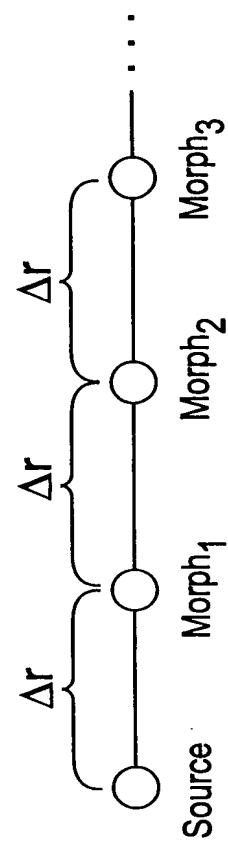


Fig. 4 Offline Color Description





**Fig. 5** Uniform Incremental Interpretation

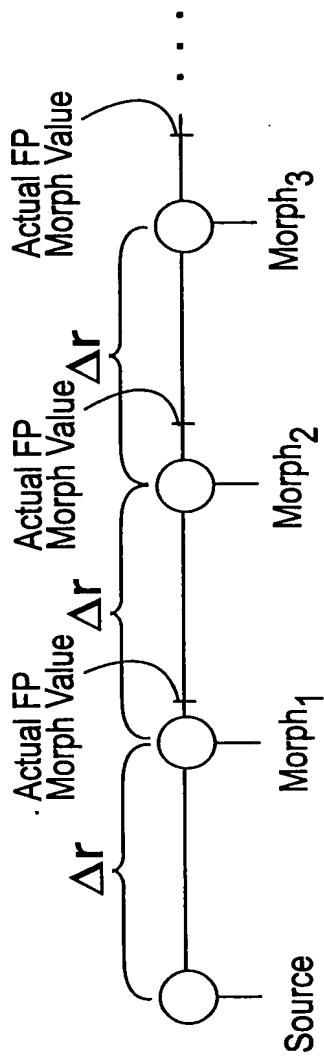


Fig. 5A Error Due to Integer Arithmetic

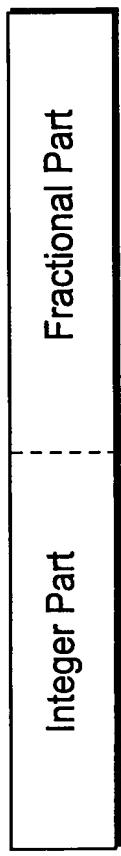


Fig. 5B Incremental Parameter

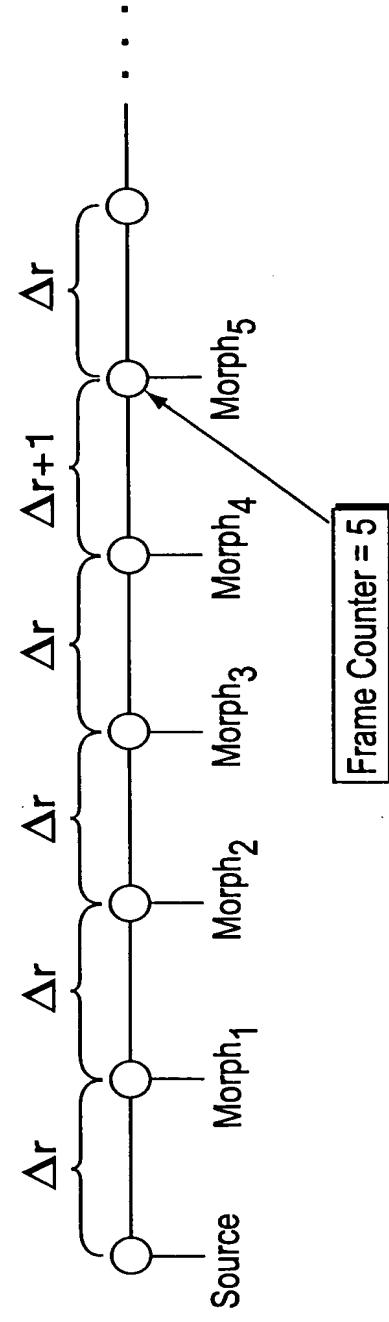


Fig. 5C Integer Correction Factor

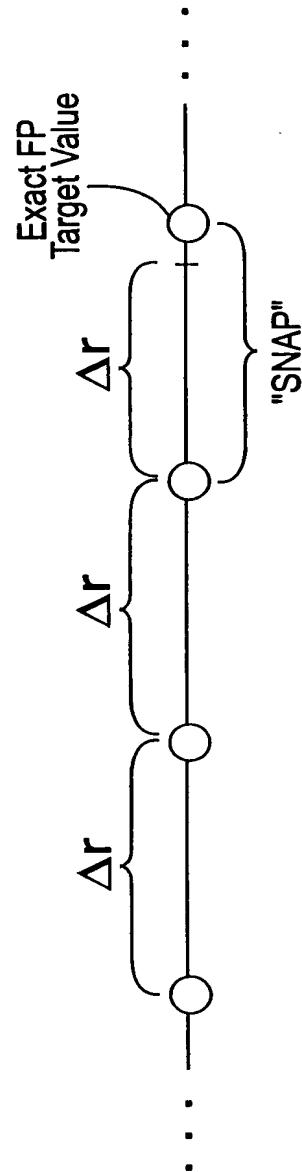


Fig. 5D "Snapping" to Prevent Underrun Autofactor

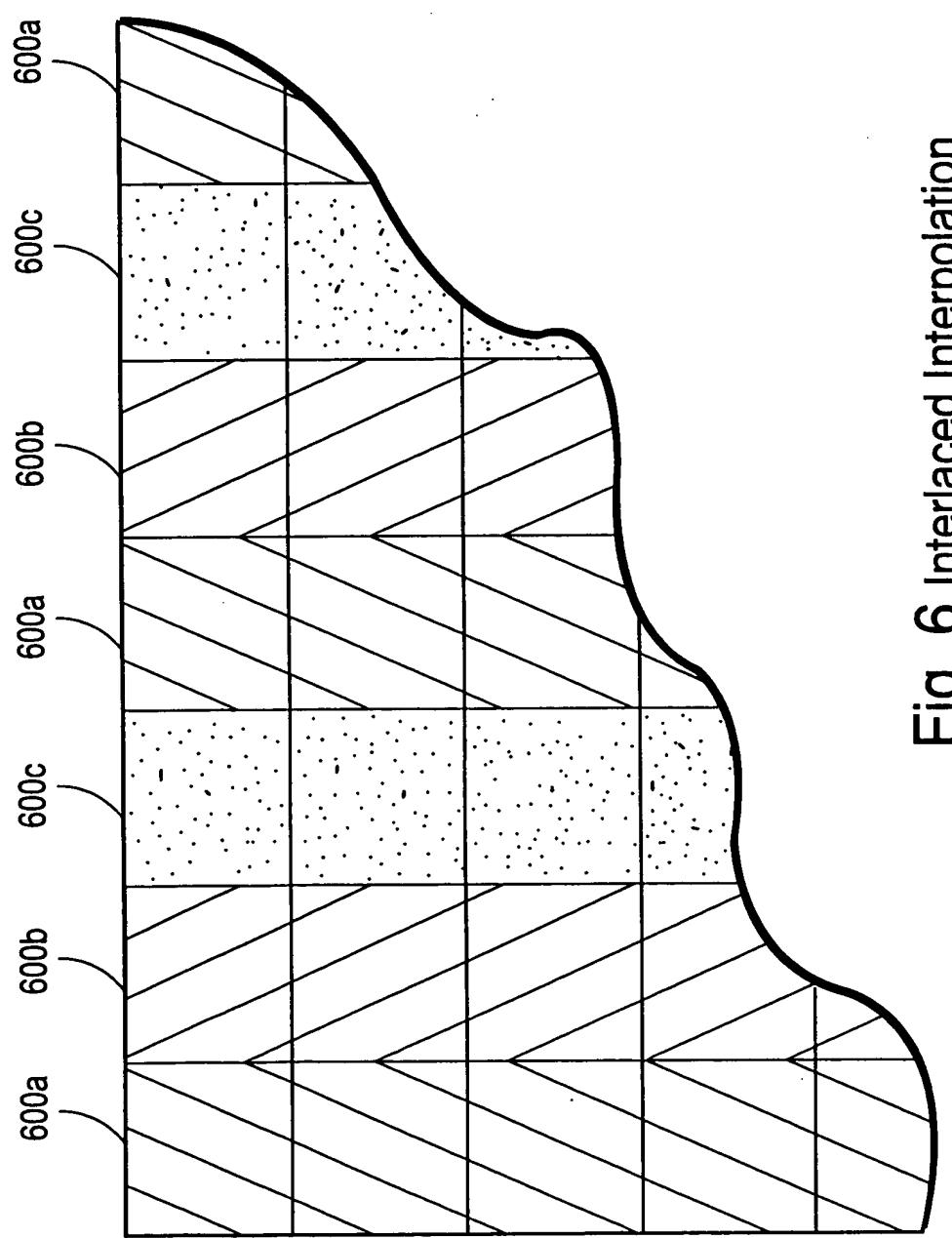


Fig. 6 Interlaced Interpolation

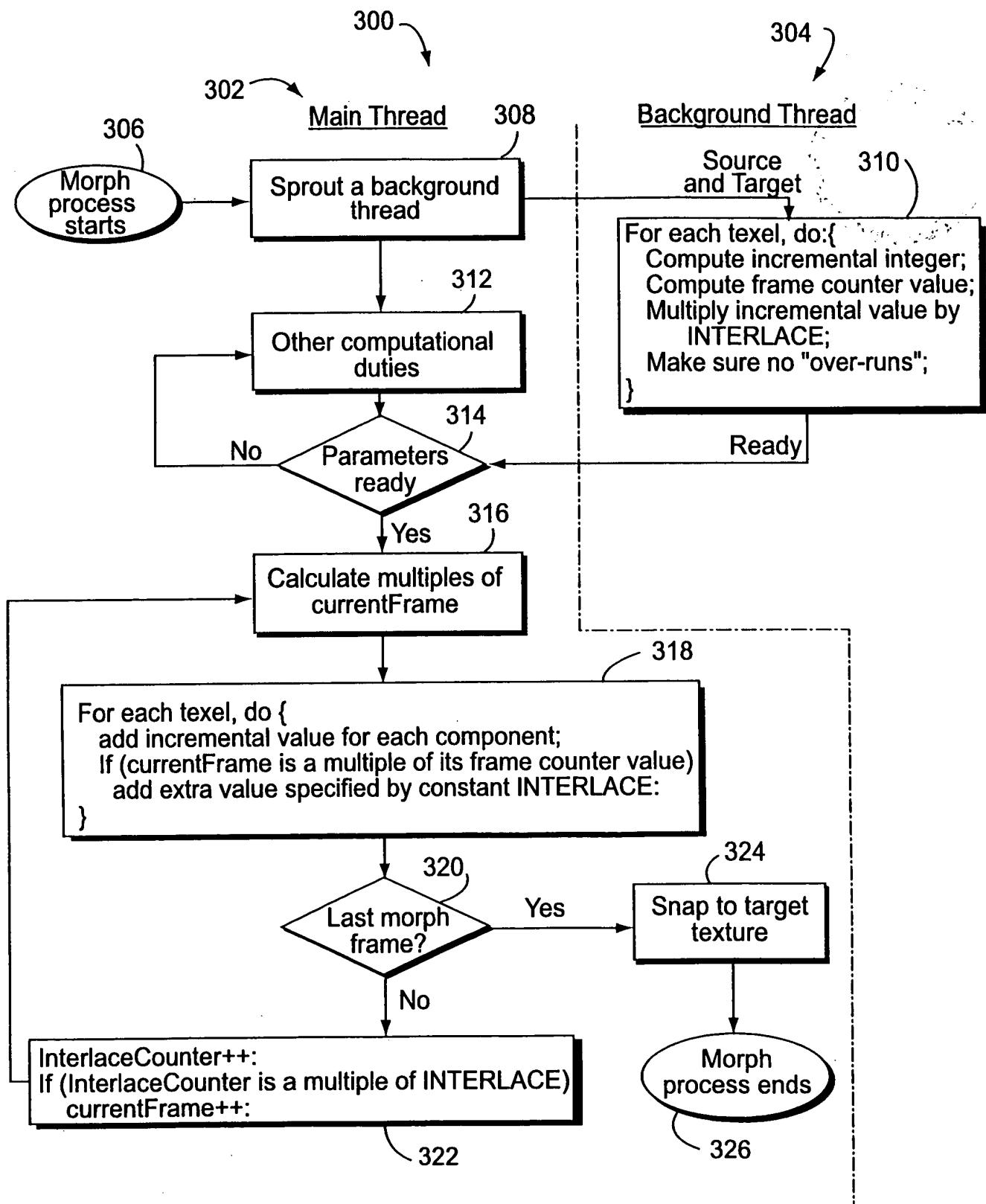


Fig. 7 Example Flowchart